

Appl. No. 10/707,162
Amtd. Dated Sep. 28, 2005
Reply to Office Action of June 28, 2005

Amendments to the Specification

Please replace paragraph [0009] with the following amended paragraph:

[0009] Referring to Figure 7, Taiwan Utility Patent Publication No. 368081, ~~typically shown in Figure 6~~, discloses a backlight module 100 which generally includes a transparent light guide 110 with a reflective light enhancer 120 attached to a bottom surface thereof. The ~~back light~~ backlight module 100 further includes a diffusion film 130 arranged on a top surface of the light guide 110. A fluorescent light 140 is arranged at an end of the light guide 110. It can be readily appreciated that the light guide 110 is provided with a plurality of elongate printed lines 111 diverging away from the light source 140 located at the end of the light guide 110. The ~~back light~~ backlight module 100 further includes an end reflective enhancer 150 to homogeneously reflect the light beams so as to provide a uniform distribution of luminance over the light guide 110.

Please replace paragraph [0016] with the following amended paragraph:

[0016] Figure 4 is a bottom view of Figure 1; [[and]]

Please insert the following new paragraph between paragraph [0016] and paragraph [0017]:

[0016.1] Figure 5 is a bottom view of the light guide module of Figure 1, but with an alternative dot-web; and

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Please replace paragraph [0017] with the following amended paragraph:

[0017] Figure [[5]] 6 is an exploded view of the light guide module of Figure 1 together with a light source in accordance with the present invention[[.]]; and

Please replace paragraph [0018] with the following amended paragraph:

[0018] Figure [[6]] 7 is an exploded view of a prior art backlight module[[.]].

Please replace paragraph [0023] with the following amended paragraph:

[0023] It should be readily appreciated that the light pipe 20 can be embodied in a variety of forms. For example, a cross section of the light pipe can be a trapezoid configuration. In addition, the dot-web 41 can be arranged in different patterns based on its grain size and density. Typically, the grain size and density of the dot-web 41 can be increased in proportion to a distance from the incident surface 25, as shown in Figure 5. When the dot-web 41 is varied, the grain size and density of the scattering balls can also be changed accordingly. The incident surface 25 of the light pipe 20 can also be arranged with respect to the emitting surface 21. Moreover, the dot-web 41 can be further formed on a surface (not labeled) of the light pipe

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20 opposite to the light incident surface 25.

Please replace paragraph [0024] with the following amended paragraph:

[0024] Referring to Figure [[5]] 6, the backlight module 50 includes a light source 60 and a light guide module 10 as discussed above. The light source 60 is arranged adjacent to the incident surface 25 of the light pipe 20. The light source 60 projects light beams into the light pipe 20 through the incident surface 25, which beams travel within the light pipe 20. Finally, the light beams are emitted from the light emitting surface 21 after they are diffused by the light diffusion arrangement 30.

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